

Mouse Ubiquitin-conjugating enzyme E2 A ELISA Kit | Ube2a elisa kit

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CATALOG #
AAA99443

REACTIVITY
Mouse

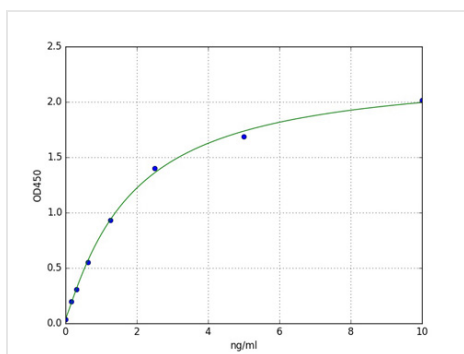
PRODUCT SYNONYMS

Ubiquitin-conjugating enzyme E2 A; Mouse Ubiquitin-conjugating enzyme E2 A ELISA Kit; Ube2a/RAD6A/UBE2A/HHR6A/HR6A/RAD6 homolog A/UBC2/Ubiquitin carrier protein A/ubiquitin-conjugating enzyme E2 A/Ubiquitin-protein ligase A; Ube2a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	152
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Ube2a ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.011	0.089	0.204	0.448	0.525	1.007	1.711	2.205

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ube2a elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Ube2a antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Ube2a antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Ube2a amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Ube2a can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18395424
NCBI GeneID	814805
NCBI Accession #	NP_565289.1
NCBI GenBank Nucleotide #	NM_126331.3
Molecular Weight	17,279 Da
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 A
NCBI Official Symbol	UBC2
NCBI Official Synonym Symbols	ATUBC2; T20F6.10; T20F6_10; UBC2; ubiquitin-conjugating enzyme 2; ubiquitinating-conjugating enzyme 2
NCBI Protein Information	ubiquitin-conjugating enzyme E2 A
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 2
UniProt Gene Name	UBC2
UniProt Entry Name	UBC2_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ube2a-mouse-elisa-kits/ubiquitin-conjugating-enzyme-e2-a/99443>